

Table C-52. Federal funds for R&D plant, by agency: fiscal years 1995, 1996, and 1997

[Dollars in thousands]

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Agency and subdivision	Obligations			Outlays		
	1995	Preliminary		1995	Preliminary	
		1996	1997		1996	1997
Total, all agencies	2,256,884	1,970,827	2,084,941	2,035,422	2,303,096	2,426,892
Departments:						
Department of Agriculture, total	143,372	149,513	125,262	128,441	149,234	153,587
Agricultural Research Service ¹	67,732	78,466	123,262	79,057	87,939	96,592
Animal & Plant Health Inspection Service	0	1,500	0	0	1,500	0
Cooperative State Research, Education, & Extension Service ²	71,324	67,047	0	45,068	57,295	54,995
Forest Service	4,316	2,500	2,000	4,316	2,500	2,000
Department of Commerce, total	77,703	79,734	105,530	23,472	31,673	48,577
National Institute of Standards & Technology	77,209	79,444	105,240	22,978	31,383	48,287
National Oceanic & Atmospheric Administration	494	290	290	494	290	290
Department of Defense, total	65,244	84,533	39,972	82,999	93,217	51,269
Department of the Army, total	5,487	5,134	4,370	4,216	5,233	4,612
Department of the Army, Military Functions	5,487	5,134	4,370	4,216	5,233	4,612
Department of the Navy	11,274	8,299	11,997	37,456	18,918	9,665
Department of the Air Force	37,805	27,348	19,954	26,890	28,499	25,104
Defense Agencies, total	10,678	43,752	3,651	14,437	40,567	11,888
Ballistic Missile Defense Organization	5,731	26,540	1,404	8,028	26,540	1,404
Defense Logistics Agency	200	200	200	200	200	200
Defense Nuclear Agency	0	0	0	4,215	5,865	2,230
Washington Headquarters Services ³	4,747	17,012	2,047	1,994	7,962	8,054
Department of Education	1,777	0	0	995	6,353	641
Department of Energy	745,069	755,787	825,861	864,132	870,479	915,732
Department of Health & Human Services, total	255,705	303,811	429,350	267,049	314,991	435,870
Food & Drug Administration	5,349	12,150	8,350	16,693	23,330	14,870
Health Resources & Services Administration	1,575	1,000	1,000	1,575	1,000	1,000
National Institutes of Health ⁴	248,781	290,661	420,000	248,781	290,661	420,000
Department of the Interior, total	6,666	2,367	7,152	6,529	2,374	7,011
Geological Survey ⁵	5,375	1,375	6,160	5,257	1,382	6,019
Minerals Management Service	992	992	992	992	992	992
National Biological Service ⁶	299	0	0	280	0	0
Department of Transportation, total	28,779	29,142	22,479	26,703	19,691	23,769
Coast Guard	525	525	525	525	525	525
Federal Aviation Administration	21,690	20,600	17,200	14,000	16,000	18,000
Federal Highway Administration	3,027	3,834	1,334	10,919	320	1,222
Federal Railroad Administration	3,537	4,183	3,420	1,259	2,846	4,022
Department of the Treasury, total	155	156	157	155	156	157
United States Customs Service	125	125	125	125	125	125
United States Secret Service ⁷	30	31	32	30	31	32
Department of Veterans Affairs	7,200	3,600	4,300	7,200	3,600	4,300

See explanatory information, if any, and SOURCE at end of table.

Table C-52. Federal funds for R&D plant, by agency: fiscal years 1995, 1996, and 1997

[Dollars in thousands]

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Agency and subdivision	Obligations			Outlays		
	1995	Preliminary		1995	Preliminary	
		1996	1997		1996	1997
Other agencies:						
Environmental Protection Agency	4,764	4,764	4,764	3,013	3,013	3,013
General Services Administration	69	175	0	1,310	1,239	1,082
National Aeronautics & Space Administration	624,800	332,500	314,800	515,424	590,076	488,884
National Science Foundation	289,581	218,745	200,314	101,000	210,000	287,000
Smithsonian Institution	5,000	5,000	5,000	6,000	6,000	6,000
Tennessee Valley Authority	1,000	1,000	0	1,000	1,000	0

- ¹ The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.
- ² The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.
- ³ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.
- ⁴ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.
- ⁵ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.
- ⁶ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.
- ⁷ The United States Secret Service was formerly listed as the Office of Protective Research.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-53. Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1995

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Total, all agencies	2,256,884	482,586	696,593	95,143	323,832	543,888	25,594	62,623	525	26,100
Departments:										
Department of Agriculture, total	143,372	72,048	0	0	66,918	0	4,406	0	0	0
Agricultural Research Service ²	67,732	67,732	0	0	0	0	0	0	0	0
Cooperative State Research, Education, & Extension Service ³	71,324	0	0	0	66,918	0	4,406	0	0	0
Forest Service	4,316	4,316	0	0	0	0	0	0	0	0
Department of Commerce, total	77,703	77,703	0	0	0	0	0	0	0	0
National Inst of Standards & Tech	77,209	77,209	0	0	0	0	0	0	0	0
Nat'l Oceanic & Atmospheric Admin	494	494	0	0	0	0	0	0	0	0
Department of Defense, total	65,244	53,143	10,283	0	1,503	115	0	200	0	0
Department of the Army	5,487	0	5,487	0	0	0	0	0	0	0
Department of the Navy	11,274	7,793	3,481	0	0	0	0	0	0	0
Department of the Air Force	37,805	37,805	0	0	0	0	0	0	0	0
Defense Agencies, total	10,678	7,545	1,315	0	1,503	115	0	200	0	0
Ballistic Missile Defense Organization	5,731	5,731	0	0	0	0	0	0	0	0
Defense Logistics Agency	200	0	0	0	0	0	0	200	0	0
Washington Headquarters Svcs ⁴	4,747	1,814	1,315	0	1,503	115	0	0	0	0
Department of Education	1,777	0	0	0	1,777	0	0	0	0	0
Department of Energy	745,069	1,250	72,780	95,143	18,182	494,791	500	62,423	0	0
Dept of Health & Human Svcs, total	255,705	236,324	0	0	12,344	0	7,037	0	0	0
Food & Drug Administration	5,349	5,349	0	0	0	0	0	0	0	0
Health Resources & Services Admin	1,575	1,575	0	0	0	0	0	0	0	0
National Institutes of Health ⁵	248,781	229,400	0	0	12,344	0	7,037	0	0	0
Department of the Interior, total	6,666	299	6,367	0	0	0	0	0	0	0
Geological Survey ⁶	5,375	0	5,375	0	0	0	0	0	0	0
Minerals Management Service	992	0	992	0	0	0	0	0	0	0
National Biological Service ^{7 6}	299	299	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-53. Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1995

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural ¹	Extramural								Foreign
			United States and territories								
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts		
Department of Transportation, total	28,779	24,717	0	0	0	0	3,537	0	525	0	
Coast Guard	525	0	0	0	0	0	0	0	525	0	
Federal Aviation Administration	21,690	21,690	0	0	0	0	0	0	0	0	
Federal Highway Administration	3,027	3,027	0	0	0	0	0	0	0	0	
Federal Railroad Administration	3,537	0	0	0	0	0	3,537	0	0	0	
Department of the Treasury, total	155	30	125	0	0	0	0	0	0	0	
United States Customs Service	125	0	125	0	0	0	0	0	0	0	
United States Secret Service ⁸	30	30	0	0	0	0	0	0	0	0	
Department of Veterans Affairs	7,200	7,200	0	0	0	0	0	0	0	0	
Other agencies:											
Environmental Protection Agency	4,764	0	4,764	0	0	0	0	0	0	0	
General Services Administration	69	0	0	0	69	0	0	0	0	0	
National Aeronautics & Space Admin	624,800	3,872	594,828	0	0	0	0	0	0	26,100	
National Science Foundation	289,581	0	7,446	0	223,039	48,982	10,114	0	0	0	
Smithsonian Institution	5,000	5,000	0	0	0	0	0	0	0	0	
Tennessee Valley Authority	1,000	1,000	0	0	0	0	0	0	0	0	

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

³ The Cooperative State Research Service merged with the Extension Service on Oct. 19, 1994, to become the Cooperative State Research, Education, and Extension Service, due to a reorganization within the Department of Agriculture.

⁴ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

⁵ Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields in fiscal year 1992 seems to be underreported. Historical revisions to these data are expected to be reported in future series.

⁶ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

⁷ The National Biological Service's (NBS) name changed from the National Biological Survey on Jan. 5, 1995. As of fiscal year 1994, NBS performs all biological research activities formerly funded by the United States Fish & Wildlife Service and the National Park Service.

⁸ The United States Secret Service was formerly listed as the Office of Protective Research.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-54. Preliminary Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1996

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Total, all agencies	1,970,827	571,073	414,954	77,101	279,574	536,179	21,728	69,693	525	0
Departments:										
Department of Agriculture, total	149,513	87,144	0	0	56,879	0	5,490	0	0	0
Agricultural Research Service ²	78,466	78,466	0	0	0	0	0	0	0	0
Animal & Plant Hlth Inspection Svc	1,500	1,500	0	0	0	0	0	0	0	0
Cooperative State Research, Education, & Extension Service ³	67,047	4,678	0	0	56,879	0	5,490	0	0	0
Forest Service	2,500	2,500	0	0	0	0	0	0	0	0
Department of Commerce, total	79,734	79,734	0	0	0	0	0	0	0	0
National Inst of Standards & Tech	79,444	79,444	0	0	0	0	0	0	0	0
Nat'l Oceanic & Atmospheric Admin	290	290	0	0	0	0	0	0	0	0
Department of Defense, total	84,533	62,062	8,085	0	14,086	100	0	200	0	0
Department of the Army	5,134	0	5,134	0	0	0	0	0	0	0
Department of the Navy	8,299	5,919	2,380	0	0	0	0	0	0	0
Department of the Air Force	27,348	27,348	0	0	0	0	0	0	0	0
Defense Agencies, total	43,752	28,795	571	0	14,086	100	0	200	0	0
Ballistic Missile Defense Organization	26,540	26,540	0	0	0	0	0	0	0	0
Defense Logistics Agency	200	0	0	0	0	0	0	200	0	0
Washington Headquarters Svcs ⁴	17,012	2,255	571	0	14,086	100	0	0	0	0
Department of Energy	755,787	2,177	61,923	77,101	15,943	528,650	500	69,493	0	0
Dept of Health & Human Svcs, total	303,811	303,811	0	0	0	0	0	0	0	0
Food & Drug Administration	12,150	12,150	0	0	0	0	0	0	0	0
Health Resources & Services Admin	1,000	1,000	0	0	0	0	0	0	0	0
National Institutes of Health ⁵	290,661	290,661	0	0	0	0	0	0	0	0
Department of the Interior, total	2,367	0	2,367	0	0	0	0	0	0	0
Geological Survey ⁶	1,375	0	1,375	0	0	0	0	0	0	0
Minerals Management Service	992	0	992	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-54. Preliminary Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1996

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by non-profit insti-tutions	State and local govts	
Department of Transportation, total	29,142	24,434	0	0	0	0	4,183	0	525	0
Coast Guard	525	0	0	0	0	0	0	0	525	0
Federal Aviation Administration	20,600	20,600	0	0	0	0	0	0	0	0
Federal Highway Administration	3,834	3,834	0	0	0	0	0	0	0	0
Federal Railroad Administration	4,183	0	0	0	0	0	4,183	0	0	0
Department of the Treasury, total	156	31	125	0	0	0	0	0	0	0
United States Customs Service	125	0	125	0	0	0	0	0	0	0
United States Secret Service ⁷	31	31	0	0	0	0	0	0	0	0
Department of Veterans Affairs	3,600	3,600	0	0	0	0	0	0	0	0
Other agencies:										
Environmental Protection Agency	4,764	0	4,764	0	0	0	0	0	0	0
General Services Administration	175	0	0	0	175	0	0	0	0	0
National Aeronautics & Space Admin	332,500	2,080	330,420	0	0	0	0	0	0	0
National Science Foundation	218,745	0	7,270	0	192,491	7,429	11,555	0	0	0
Smithsonian Institution	5,000	5,000	0	0	0	0	0	0	0	0
Tennessee Valley Authority	1,000	1,000	0	0	0	0	0	0	0	0

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

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⁶ As of fiscal year 1996, data for the National Biological Service (NBS) are included with the Geological Survey's submission, since NBS's funding comes from the Geological Survey's congressional appropriation.

⁷ The United States Secret Service was formerly listed as the Office of Protective Research.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal Funds Survey, refer to appendix A.

KEY: FFRDCs = Federally funded research and development centers

SOURCE: National Science Foundation/SRS, Survey of Federal Funds for Research and Development: Fiscal Years 1995, 1996, and 1997

Table C-55. Preliminary Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1997

[Dollars in thousands]

Page 1 of 2

Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Total, all agencies	2,084,941	723,743	407,506	83,305	157,377	642,065	12,225	58,195	525	0
Departments:										
Department of Agriculture, total	125,262	125,262	0	0	0	0	0	0	0	0
Agricultural Research Service ²	123,262	123,262	0	0	0	0	0	0	0	0
Forest Service	2,000	2,000	0	0	0	0	0	0	0	0
Department of Commerce, total	105,530	105,530	0	0	0	0	0	0	0	0
National Inst of Standards & Tech	105,240	105,240	0	0	0	0	0	0	0	0
Nat'l Oceanic & Atmospheric Admin	290	290	0	0	0	0	0	0	0	0
Department of Defense, total	39,972	32,349	6,895	0	428	100	0	200	0	0
Department of the Army	4,370	0	4,370	0	0	0	0	0	0	0
Department of the Navy	11,997	10,043	1,954	0	0	0	0	0	0	0
Department of the Air Force	19,954	19,954	0	0	0	0	0	0	0	0
Defense Agencies, total	3,651	2,352	571	0	428	100	0	200	0	0
Ballistic Missile Defense Organization	1,404	1,404	0	0	0	0	0	0	0	0
Defense Logistics Agency	200	0	0	0	0	0	0	200	0	0
Washington Headquarters Svcs ³	2,047	948	571	0	428	100	0	0	0	0
Department of Energy	825,861	1,417	39,384	83,305	11,575	631,705	480	57,995	0	0
Dept of Health & Human Svcs, total	429,350	429,350	0	0	0	0	0	0	0	0
Food & Drug Administration	8,350	8,350	0	0	0	0	0	0	0	0
Health Resources & Services Admin	1,000	1,000	0	0	0	0	0	0	0	0
National Institutes of Health ⁴	420,000	420,000	0	0	0	0	0	0	0	0
Department of the Interior, total	7,152	0	7,152	0	0	0	0	0	0	0
Geological Survey ⁵	6,160	0	6,160	0	0	0	0	0	0	0
Minerals Management Service	992	0	992	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table C-55. Preliminary Federal obligations for R&D plant, by agency and performer of the research and development the plant supports: fiscal year 1997

[Dollars in thousands]

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Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit institutions	FFRDCs admin by non-profit institutions	State and local govts	
Department of Transportation, total	22,479	18,534	0	0	0	0	3,420	0	525	0
Coast Guard	525	0	0	0	0	0	0	0	525	0
Federal Aviation Administration	17,200	17,200	0	0	0	0	0	0	0	0
Federal Highway Administration	1,334	1,334	0	0	0	0	0	0	0	0
Federal Railroad Administration	3,420	0	0	0	0	0	3,420	0	0	0
Department of the Treasury, total	157	32	125	0	0	0	0	0	0	0
United States Customs Service	125	0	125	0	0	0	0	0	0	0
United States Secret Service ⁶	32	32	0	0	0	0	0	0	0	0
Department of Veterans Affairs	4,300	4,300	0	0	0	0	0	0	0	0
Other agencies:										
Environmental Protection Agency	4,764	0	4,764	0	0	0	0	0	0	0
National Aeronautics & Space Admin	314,800	1,969	312,831	0	0	0	0	0	0	0
National Science Foundation	200,314	0	36,355	0	145,374	10,260	8,325	0	0	0
Smithsonian Institution	5,000	5,000	0	0	0	0	0	0	0	0

¹ Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

² The Human Nutrition Information Service merged with the Agricultural Research Service on Feb. 20, 1994.

³ Data for the Uniformed Services University of the Health Sciences are included with the Washington Headquarters Services' submission as of Vol. 45.

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